

For research use only

For research on
Diabetes & Obesity

Reagents for measuring ghrelin level

Active Ghrelin ELISA Kit

Desacyl-Ghrelin ELISA Kit

Gold Standard for Ghrelin Study

United States Patent 7,385,026

European Patent 1197496

(Effective States : AT,BE,CH,CY,DE,DK,ES,FI,FR,GB,GR,IE,IT,LU,MC,NL,PT,SE)

Australian Patent 784035

Korean Patent 10-0827973

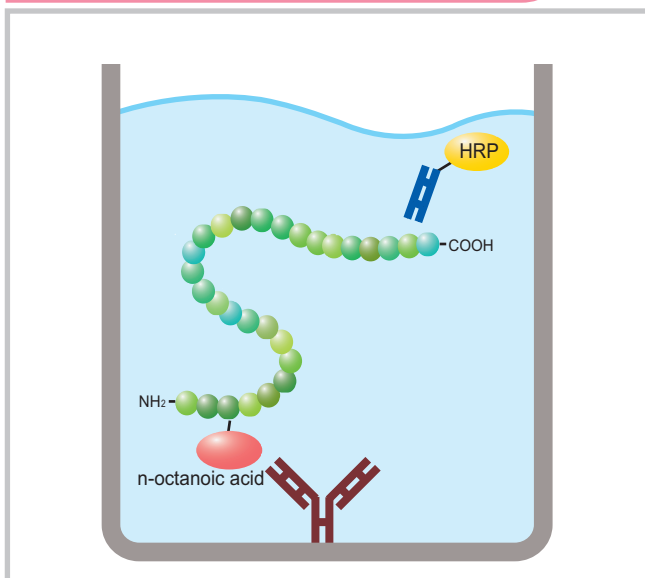
Japanese Patent 3471780

Specialized ELISA for **Active Ghrelin** and **Desacyl-Ghrelin**

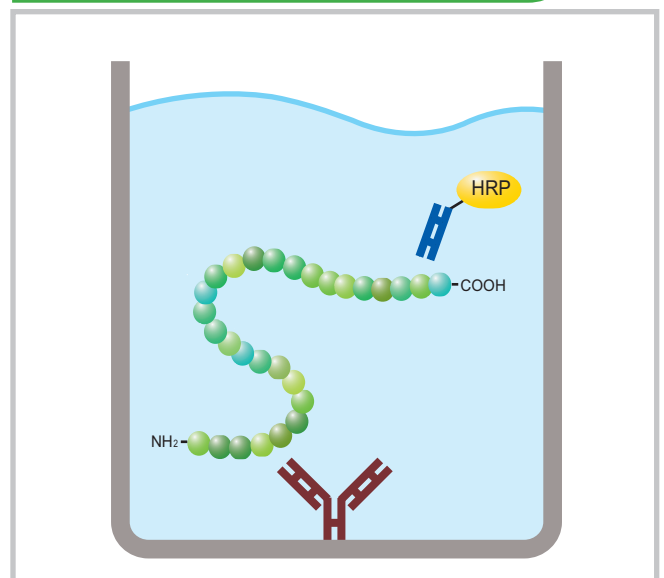
Sample of Human, Rat and Mouse

The Global standard for Ghrelin assay

Active Ghrelin ELISA Kit



Desacyl-Ghrelin ELISA Kit

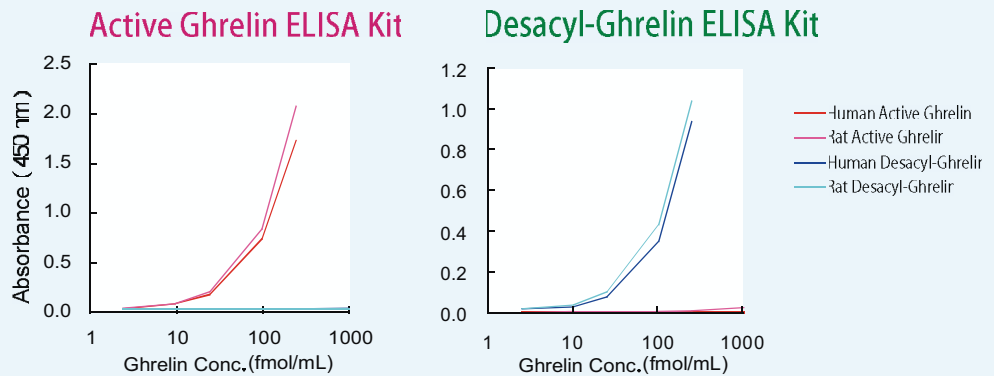


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What is Ghrelin?

Ghrelin is a peptide identified as endogenous ligand of the growth hormone secretagogue receptor (GHS-R). It is predominantly produced in the stomach and plays a key role in energy control by stimulating food intake. Ghrelin is a 28-amino acid peptide. Active Ghrelin is acylated at the Ser3 residue with an n-octanoic acid. In contrast, Desacyl-Ghrelin is non-acylated and had been recognized non-active form cause the acylation is thought to be necessary for its biological activities. But recent findings suggest Desacyl-Ghrelin is also possesses some kinds of biological activities. It is also reported that ghrelin administration reduces insulin secretion. This suggests that a research on ghrelin may lead to a development of new therapy for diabetes mellitus.

Highly Specific



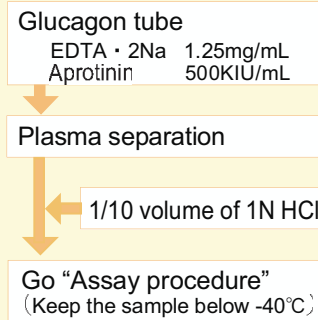
Active Ghrelin ELISA Kit provide specific reaction with Active Ghrelin and do not cross-react with Desacyl-Ghrelin.

In contrast, **Desacyl-Ghrelin ELISA Kit** only react with Desacyl-Ghrelin and shows no cross-reactivity with Active Ghrelin.

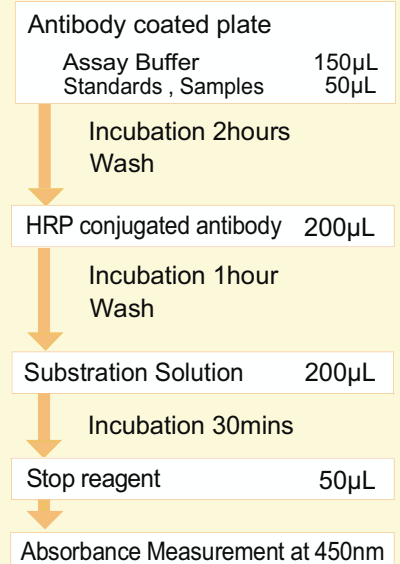
REAGENT SUPPLIED

1. Standard (Lyophilized)	1 vial
2. Assay Buffer	22 mL
3. Antibody coated plate	96 wells
4. HRP conjugated antibody	250 µL
5. HRP dilution buffer	22 mL
6. Substrate solution	22 mL
7. Stop reagent (0.5mol/L H ₂ SO ₄)	6 mL
8. Washing buffer concentrate	40 mL

SAMPLE PREPARATION



ASSAY PROCEDURE



Please see Protocol for details.

PRODUCT INFORMATION

Product Code	Product Name	Quantity	Storage Condition
97751	Active Ghrelin ELISA Kit	96 tests	2~8°C
97752	Desacyl-Ghrelin ELISA Kit	96 tests	2~8°C

Distributed by

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